



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB 070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instruction and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington DC 20460. Do not send the form to this address.

DATA MATRIX

Date: April 28, 2008	EPA	Page 1
Applicant's/Registrant's Name and Address:	Product:	
Ingredient: Natamycin TGAI		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
Product Identity and Composition					
880.1100	Product identity and composition		Yes		
880.1200	Starting materials and production		Yes		
880.1400	Discussion of formation of impurities		Yes		
Analysis and Certified Limits					
830.1700	Preliminary analysis		Yes		
830.1750	Certification of limits		Yes		
830.1800	Enforcement analytical method		Yes		
Physical and Chemical Characteristics					
830.6302	Color		Yes		
830.6303	Physical state		Yes		
830.6304	Odor		Yes		
830.6313	Stability to normal and elevated temperature, metal and metal ions		Yes		
830.6315	Flammability				N/A
830.6317	Storage stability		Maybe		N/A
830.6319	Miscibility				N/A
830.6320	Confusion characteristics		Maybe		N/A
830.7000	pH				N/A
830.7050	UV/Visible light absorption		Yes		
830.7100	Viscosity				N/A
830.7200	Melting point/melting point range		Yes		
830.7220	Boiling point/boiling point range				N/A

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Ingredient: Natamycin TGA1		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300	Density/relative density/bulk density		Yes		
830.7520	Particle size, fiber length, and diameter distribution				N/A
830.7550	Partitioning coefficient (<i>n</i> -Octanol/Water)		Yes		
830.7840	Water solubility		Yes		
830.7950	Vapor pressure				

RESIDUE DATA REQUIREMENTS

Supporting Information					
860.1100	Chemical Identity		Yes		
860.1200	Directions for Use		Yes		
Nature of the Residue					
860.1300	Nature of the residue in plants				N/A
860.1300	Nature of the residue in livestock				N/A
860.1340	Residue analytical method				N/A
860.1360	Multiresidue method				N/A
Magnitude of the Residue					
860.1400	Magnitude of the residue in potable water				N/A
860.1400	Magnitude of the residue in fish				N/A
860.1400	Magnitude of the residue in irrigated crops		Yes. Field residue data and/or rationale		
860.1460	Magnitude of the residue in food handling				N/A
860.1480	Magnitude of the residue in meat/milk/poultry/eggs				N/A
860.1500	Crop field trials		Yes. Mushroom residue data requested by L. Hollis in Phone Conference		
860.1520	Magnitude of the residue in processed food/feed				N/A
860.1540	Anticipated residues		Yes		

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860.1550	Proposed tolerances		Yes		
860.1560	Reasonable grounds in support of the petition		Yes		
860.1650	Submittal of analytical reference standards		When asked		

HUMAN HEALTH ASSESSMENT DATA REQUIREMENTS

Tier I

Acute Testing

870.1100	Acute oral toxicity		Yes		
870.1200	Acute dermal toxicity		Yes		
870.1300	Acute inhalation toxicity		Yes		
870.2400	Eye irritation		Yes		
870.2500	Primary dermal irritation		Yes		
870.2600	Dermal Sensitization		Yes		
none	Hypersensitivity incidents				

Subchronic Testing

870.3100	90-day oral (one species)		Yes		
870.3250	90-day dermal				N/A
870.3465	90-day inhalation				N/A

Developmental Toxicity

870.3700	Prenatal developmental – rat preferably		Yes		
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Mutagenicity Testing

870.5100	Bacterial reverse mutation test		Yes		
870.5300	<i>In vitro</i> mammalian cell mutation test		Yes		
870.5375	<i>In vitro</i> chromosome aberration test		Yes		

NONTARGET ORGANISMS AND ENVIRONMENTAL FATE DATA REQUIREMENTS

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Tier I					
Avian Testing : EPA/PMRA DETERMINED MUSHROOMS TO BE INDOOR USE. SPENT COMPOST RESIDUE DATA MAY BE NECESSARY TO SUPPORT WAIVERS FOR THESE DATA REQUIREMENTS.					
850.2100	Avian acute oral toxicity				N/A
850.2200	Avian dietary toxicity				N/A
Aquatic Organisms Testing: SEE ABOVE					
850.1075	Fish acute toxicity, freshwater				N/A
850.1010	Aquatic invertebrate acute toxicity, freshwater				N/A
850.4100	Terrestrial plant toxicity, seedling emergence				N/A
850.4150	Terrestrial plant toxicity, vegetative vigor				N/A
Insect Testing					
880.4350	Nontarget Insect Testing				N/A
PMRA EFFICACY					
	Trichoderma		3 Trials; also used as field trials/residue		
	Dry Bubble Disease		3 Trials; also used as field trials/residue		
OCCUPATIONAL EXPOSURES					
DACO 5.2; 875.2800	Use description/scenarios		Does not require generation of test data		

Signature

Name and Title

Date
April 28, 2008